Sony Learning Center

SZSeries,SZ - Features

Research Topics

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SZ - Features

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Portability

Highly Mobile Design
An inspiring fusion of mobility, power and style, the VAIO® SZ Notebook delivers intelligent mobile design while placing a priority on usability and performance. This slim, lightweight PC measures a mere 1" thin[5], with a superb 13.3" widescreen display[3] with XBRITE™ LCD technology, long battery life[6] and a generous, comfortable keyboard. And with its durable magnesium or carbon fiber casing, the VAIO® SZ Series is the portrait of sleek, contemporary style.

Go Wireless
The VAIO® SZ Notebook features integrated 802.11 b/g wireless LAN[2] technology, enabling easy access to your existing home or office wireless network and local hotspots without the need for additional hardware or network cards.

Wireless Wide Area Network (WAN)[2] Technology
The VAIO® SZ Notebook is more than just portable, it's a truly mobile wireless companion. True mobility is about broad access, just as much as it is about slim, lightweight design. And the VAIO SZ Notebook is taking that access farther than ever before. With integrated wireless WAN[2] technology (available only on select models), you can access the Cingular Wireless national EDGE network to extend your wireless coverage beyond LAN access networks and hotspots.

Long Battery Life
Capitalizing on a high-capacity battery, Intel® Core™ Duo processor, innovative Hybrid Graphic System and a white LED LCD backlight, the SZ Notebook can blaze through your workload and your entertainment demands for

hours. It's an ideal mobile counterpart when you're on the go. With a battery life of up to 5.5 hours (6 hours for premium models), the VAIO® SZ Notebook gives you more from every moment.

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Design

Striking and Stylish
The VAIO® SZ Notebook makes a powerful impression. This sleek, contemporary notebook with its magnesium coating and aluminum finish on the palm rest is elegant yet durable, fashionable yet functional.

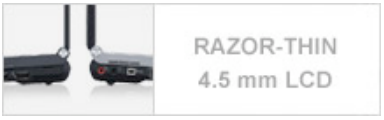
Comfortable Keyboard
The generous, ergonomically designed keyboard features a greater width of 19mm with a 3mm stroke for ease of use.

Carbon-Fiber Casing*
Carbon-fiber casing employs the same cutting-edge material used to keep jet airplanes light and quick and sports cars fleet, yet durable. This ultra-durable housing is made of multi-layered carbon fiber, which is even lighter and stronger than the magnesium alloy casing used for most notebooks.
*Available only on SZ Premium Notebooks

Premium Carbon Fiber Casing**
The Sony VAIO® SZ Premium SZ281P/X notebook also features a cutting-edge carbon fiber casing. During the molding processes, a gelcoat resin is applied to the carbon fiber casing of the SZ281P/X, exposing the multiple layers of carbon and providing a cool brushed look and crisscross pattern.
**Premium carbon fiber available on model SZ281P/X

Brilliant Widescreen Display LCD Technology
Expertly-designed display circuitry gives the display a razor-thin profile, while XBRITE LCD (Liquid Crystal Display) technology provides deeper blacks, brighter whites, brilliant colors, and sharp detail. With the anti-reflective coating to minimize reflection, you'll enjoy a beautifully clear image from almost any viewing angle.

More Realistic Colors
Light-emitting diode (LED) backlight technology provides a brighter LCD display and a wider color reproduction range. White light is produced by three LEDs with emission wavelengths very close to the red, green and blue primary colors, resulting in more realistic red and green colors.



Razor-thin LCD Panel*
At 4.5 mm^3, the razor-thin LCD panel is slim and lightweight, yet still boasts an incredible surface pressure.
*Available only on SZ Premium Notebooks

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Carbon Fiber
VGN-SZ250P/C, SZ260P/C, SZ270P/C, SZ280P/C

Premium Carbon Fiber
VGN-SZ281P/X

Magnesium
VGN-SZ210P/B, 220/B, 230P/B, 240, 240P

Entertainment

A Mobile Entertainment Dream The VAIO® SZ Notebook is a mobile multimedia entertainment dream-come-true. Watch movies with stunning clarity, listen to your favorite music, deliver dynamic presentations, and create and manage your multimedia files with ease, whether you're at home or on the move. And then enjoy the incredibly high-quality, rich and full sound that Sony's original Sound Reality™ technology delivers. The VAIO® SZ Notebook fuels your creativity and entertainment.

Create your own DVDs
Sony puts professional-quality tools for creating your own DVDs at your fingertips. With Click to DVD® software and the advanced DVD+R Double Layer/DVD±RW drive,[1] presenting your digital video content in a professional-looking package - including interactive menus and customized themes - is quick and easy. Create or record up to 8.5GB of home videos, movies, music, or digital photos (or up to 4 hours of MPEG-2 video) on one Double Layer DVD disc.

Built-in Camera and Microphone
The VAIO® SZ Notebook features an integrated camera with microphone. Enjoy this feature with free AOL AIM® service to easily chat and video mail with family and friends.[7] And the handy privacy filter masks the environment around you, so you can video chat without giving away your location or how disorganized you keep your desk.

Drastically Increased Performance
Intel® Centrino® Duo processors let Sony VAIO bring portable notebook entertainment to a new level. This drastic increase in performance will let you enjoy mobile entertainment in a way you've never imagined. New high-definition capabilities let you immerse yourself in riveting entertainment while specialized multimedia technologies bring games, music, movies and photos to life. Amazing new technologies keep you connected in more places than ever before.

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Power

Intel® Core™ Duo Processor
Not just any new microprocessor,

Hybrid Graphic System
Sony's revolutionary Hybrid Graphic

the Intel Core Duo is the first dual core processor designed exclusively for mobile notebooks. Intel has discovered a way to optimize mobile performance by combining two execution cores into one processor. The result is an incredibly powerful mobile notebook that also manages to use less battery life.
» Learn more about Intel Centrino Duo mobile technology now at: intel.com/go/centrinoduo.

Intel® Express Chipset
With the mobile Intel® Express chipset and fast front side bus speed, you can experience superior graphic quality for great visual presentation of integrated graphics and high-definition content.

Integrated Optical Drive
An integrated DVD+R Double Layer/DVD±RW drive1 provides data storage of up to 8.5GB on one Double Layer DVD disc, making it easy to port, share, and save your data and high-quality media files.

System lets you set your graphics performance. A simple hardware switch enables you to toggle between an internal graphics chip for optimal power consumption with excellent performance and an external graphics chip for even more robust performance, for unmatched control of your time and output.

NVIDIA® GeForce® Go with TurboCache™ Technology
NVIDIA® GeForce® Go 7400 graphics processing units (GPU) delivers best-in-class 3D graphics and high-definition video to thin and light notebooks.

VAIO® Power Management Viewer
Set power modes to control the balance of stamina and performance from situation to situation. For example, select "Presentation Mode" to adjust the display brightness to the maximum setting, or choose "VAIO® Ultimate Battery" for extra-long battery life[2].

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Security

Biometric fingerprint sensor
Fingerprint biometrics is a convenient and secure way to protect your computer and the information on it with a simple swipe of your finger. It also stores passwords to secure web sites you visit, so authentication and access are quick and easy – you only need your fingerprint.

HDD Password Protection
Password protection at the hard disk level can prevent unauthorized access to sensitive data, applications, and network architecture. HDD Password Protection encrypts and protects disks, partitions, and removable data from unauthorized use or alteration.

G-Sensor™ Shock Protection
G-Sensor™ Shock Protection makes your data even less vulnerable to loss or damage. When the built-in 3D acceleration sensor detects a risky movement like being dropped, the HDD-head will lock up to secure its position and protect the disc from scratching. An intelligent algorithm, unique to VAIO® computers, judges whether or not a movement is risky, activating disk drive protection only when your hardware is at risk.

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Connectivity

Integrated Bluetooth® Technology[4]
Bluetooth® technology4 provides effortless communication with Bluetooth-enabled devices, such as PDAs and wireless headsets, without the need for additional hardware or software.

Smart Display Sensor
Smart Display Sensor makes connecting to a compatible external projector or display easy. It automatically senses and selects the appropriate input for your external device and adjusts the video output to an optimized resolution, starting your presentations off with an effortless air of professionalism.

Accessory Interoperability
The VAIO® SZ Series features optional cross-compatible peripherals, which make resource allocation cost-effective and easy to personalize.

Multi-Card Reader
With a 6-in-1 multi-card reader[8], you can access all industry-standard storage cards for ultimate convenience and multi-purpose use. Write and read data from flash memory without connecting your digital device. (Multi-Card Reader is included in box)

ExpressCard™ Technology
In addition to PC card support, VAIO® SZ Series notebooks also support ExpressCard™ technology, a smaller, faster solution with the throughput to port data at incredible speeds, making it ideal for transfers of video and uncompressed files. In addition, the ExpressCard standard promises to deliver low-profile, lightweight modular expansion, making it possible to add hardware capabilities such as memory, wired and wireless communications cards and security devices by simply inserting modules into ExpressCard-enabled systems.

Memory Stick Duo™ Storage Media
VAIO® SZ Series notebooks support Memory Stick Duo™ media, Sony's high-capacity removable flash memory. Memory Stick Duo media is ideal for use with your digital camera, camcorder, cell phone and personal audio player. Easily transfer files to and from these devices and your notebook.

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1. DVD media/formats are not universally compatible.
2. Actual battery life may vary upon usage patterns.
3. Viewable area measured diagonally.
4. Interoperability among Bluetooth® devices varies.
5. Requires 802.11b or 802.11g compatible access point. Some functionality may require Internet services which may require a fee.
6. Cisco Compatible signifies that Sony's product has undergone interoperability testing by Sony, together with Cisco and a third-party test house, based on testing criteria set by Cisco. Sony is solely responsible for the support and warranty of its product. Cisco makes no warranties, express or implied, with respect to Sony's product or its interoperation with the listed Cisco product and disclaims any implied warranties of merchantability or

fitness for a particular use, or against infringement.
7. Broadband Internet service required along with third-party services which may require a subscription fee or other service fee.
8. Does not support (a) Memory Stick® media using the MagicGate® function, (b) 5.0 V. SmartMedia media or the ID function of SmartMedia media with IDs, or (c) SD Memory Card media copyright protection function.

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PREVIOUS : SZ SERIES - OVERVIEW >

NEXT: SZ - GALLERY >

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